USER MANUAL

mbeat® DAB+ Radio with FM

Version 2.0

Please read manual before you operate the product!!!

Disclaimer: Product specification, color and other features may slightly change to reflect the latest product update from manufacturer without prior notice to user. All rights reserved.

Important to know about the digital radio coverage

Please note that digital radio is currently only available in Australian metropolitan cities. It is not available in remote area yet. You can visit www.digitalradioplus.com.au to discover the coverage of the available digital radio broadcasting around Australia by typing your living area postcode.

Please make sure that your area has digital radio signal available to use the DAB+ mode. We do not accept warranty returns due to no reception outside the coverage area.

Digital radio is a new, exciting and involving way for listeners to tune into their favorite radio stations.

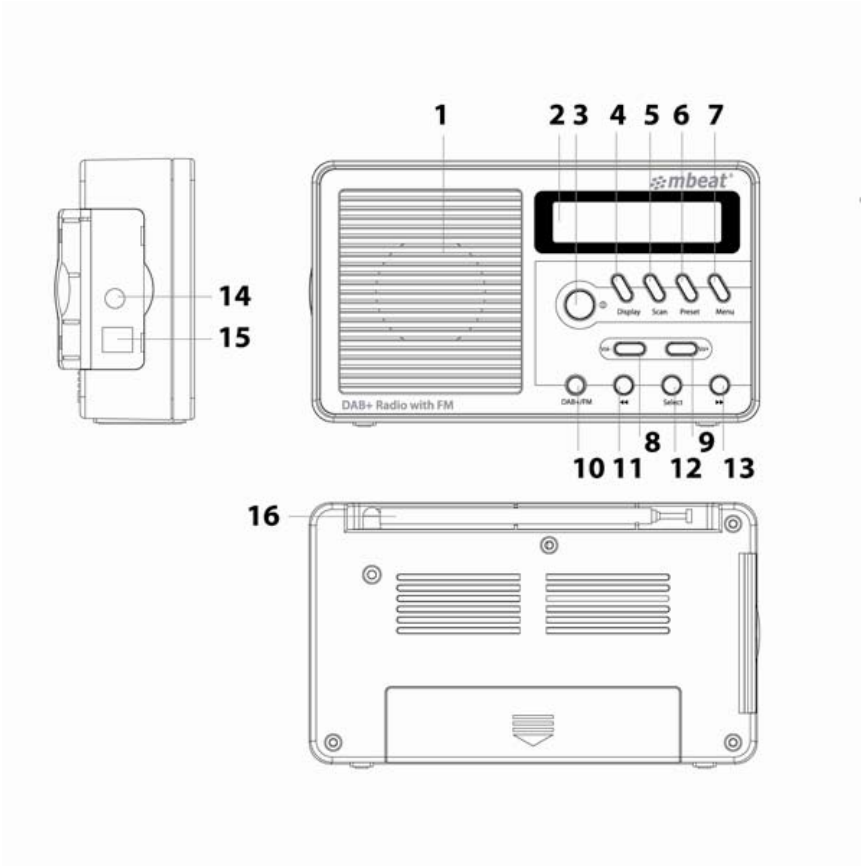
Offering an exceptionally high sound and signal quality, digital radio offers a range of exciting features to enhance your listening experience.

- Clearer sound and improved reception
- Extra features such as extra channels pause and rewind radio, downloadable music, more details about the advertised product, slideshows, scrolling text, Electronic Program Guides, updated news, sports and racing information. Just to name a few
- Extra channels potentially doubles the number of commercial stations
- Tuning by station name, not frequency, making it easy to find favorite stations

- A wider choice of shows and program highlights better meets the needs of niche audiences

With digital radio all you need is a digital receiver or a device with a DAB+ chip in it and that's it – no subscription fees, no messing about with signing up or logging on, just tune in.

Location of controls



1	Speaker	10. DAB+/ FM Mode Key
2	LCD Display	11.Previous Key
3	ON/ OFF Key	12. Select Key
4	Display Key	13. Next Key
5	Scan Key	14. 3.5mm Earphone Socket
6	Preset Key	15. DC Power Socket
7	Menu Key	16. Aerial Input
8	Volume Down Key	
9	Volume Up Key	

1. DAB+ radio functions

1.1 How to power the device

1.1.1 Main Adaptor (*supplied with the package*).

Connect the mains adaptor to the DC power socket of the radio to the wall socket.

1.1.2 Battery *(not supplied*).

Open the battery door and insert 4 "AA" size alkaline batteries. Remark: Insert batteries correctly. Pay attention to the positive and negative +/- Pole. Please note that the DAB+ radio technology consumes more power than normal FM radio and it consumes approx 800mA per hour , the normal battery could last about 4-6 hours depending how good the battery it can be. This is the normal and should not be considered as the faulty.

1.1.3 Telescopic aerial

Extend the telescopic aerial as far as it can go to ensure a good reception.

1.1.4 Power on

Press the Power button to turn on the radio. The LCD backlight will light up during the operation of the radio. The radio will automatically show message:

WELCOME

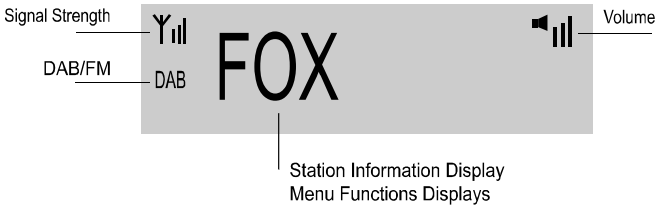
The radio will auto enter" SYNC TIME" to sync the CLOCK time with DAB+ radio station and then enter into Standby mode.

SYNC TIME

If it is the first time to use the digital radio, after "SYNC TIME", press the **power** button to activate the radio tuning function if it enters standby mode without doing anything.

The LED backlit will turn off and enter power save mode after a while. Press any key to turn on the backlit.

1.1.5 Radio LED display panel information



1.1.6 Stored stations

Your Radio will return to the mode that it was last used in (DAB+/FM). If you listened to a DAB+ station before then this station will automatically selected.

Note: Always make sure that the aerial is extended to ensure the maximum signal strength and the best possible sound quality, especially in the first time to use.

1.2 How to adjust the volume

Press the "Vol+" up to increase the volume and the "Vol-" down to decrease the volume. Press and hold the "Vol+" or "Vol-" to progressively increase or decrease the volume.

1.3 How to change the radio stations

1.3.1 If you are not already in DAB+ mode, Press the "**DAB+/FM**" button to go to DAB+ mode. Then you can press "DAB+/FM" button again to go to FM mode.

1.3.2 Press the "◄◄" or "►►" button, to scroll through the stations. By default, the stations are listed in numerical and then alphabetical order. Just in few seconds, the DAB+ radio will tune to the station.
1.3.3 In FM mode, Press the "◄◄" or "►►" button to change the FM frequency

1.4 How to scan the stations

With DAB+ radio, additional stations and services regularly become available so it's a good idea to carry out a manual scan every now and then to make sure that you have the most up to date station listing stored within the memory of your radio. If you have moved your radio to another location, eg: if you go on holiday, then it" s also a good idea to carry out a manual scan.

Note: before start, please pull out the telescopic aerial or walk outdoor to get max reception of the digital radio signal during initially scans.

1.4.1 If you are not already in DAB+ mode, Press the "DAB+/FM" button to go to DAB+ mode first.

1.4.2 Press the "Scan" button to begin a local search for stations. The display will change to "FULL SCAN" and the number of stations found

during the scan will be displayed .A local scan takes approximately 20-30 seconds to finish.

Scan Progress Information

1.4.3 If you are using your DAB+ radio outside of the UK, then Press and hold the "Scan" button for 2 seconds to begin a wider, national and full scan. A national and full scan takes approximately 30 seconds but can take up to 3 minutes depending on the area and signal strength.

1.5 Storing a preset station

Your digital radio can store up to 10 DAB+ stations and 10 FM stations in its preset memories for instant access to your favorite stations.

1.5.1 Tune your radio to the station that you wish to preset (***see changing stations, 1.3***).

1.5.2 Press and Hold the "Preset" button for seconds and the display message on LCD will change to “EMPTY P1 “where "1" is the number of stations available to preset (1-10, stores 10 stations).

Preset Station Display Information

1.5.3 Using the "◄◄" or "►►" button, select the preset number that you would like to store the station to Press the "⊙" button to store the station.

Preset Station Example
(3AW is preset in station 1)

For example: I am listening "3AW" in DAB+ mode, I want to preset it into my favorite stations. First to press and hold "Preset" button for seconds, the LCD shows message like **"EMPTY P1"**, then I press "Select" key , so the LCD shows **"3AW P 1"** , if I want to store this station in 2-10 , I can press the "►►" button to choose from 1-10 as I like.

Note:
If there is already an existing DAB+ or FM station stored under a preset, it will be overwritten when you store the new station
When you store DAB+ radio station presets, these do not overwrite your FM station presets.

1.6 Tune to a preset station

1.6.1 Briefly Press the "Preset" button.

1.6.2 Use the "◄◄" or "►►" buttons to scroll through the station presets. Press "⊙" when you see the station that you would like to listen to the radio will instantly tune to that station and begin to play.
Note: If no station has been stored under the preset, the display will change to **"EMPTY P1"** and then revert to the previously selected station after a few seconds.

1.7 Display information

Press the "Display" button to show the extra information of the station while you are listening.
TIME: Sync time with the station

CHANNEL FREQUENCY: Display channel frequency
STATION LOCALITY: Display DAB+ radio broadcast place
VERSION: Display DAB+ radio station version information

2. Using the menu key under DAB+ mode

The "MENU" button enables you to change some of the default settings of your Radio, so that it works just the way you want it to. Use "⊙" to confirm your choose, use "◄◄"or "►►" to scroll through the menu list.

2.1 For DAB+ mode, the main menus are as below

2.1.1 MANUAL

With DAB+ radio, additional stations and services regularly become available so it's a good idea to carry out a manual scan every now and then to make sure that you have the most up to date station listing stored within the memory of your radio. If you have moved your radio to another location, eg: if you go on holiday, then it" s also a good idea to carry out a manual scan.

As well as an auto tune function, you can manually tune the receiver. This can help you when aligning your aerial or when adding stations that were missed while auto tuning.

Press “Menu” key enter “Manual” mode and press “⊙” and use "◄◄"or "►►” to move through the DAB+ CHANNELS, which are numbered from 5A-13F.

2.1.2 LOC SCAN

Local Scan searches the all the local stations in your area. Sometime a National or Full scan required if your living area does not provide local stations.

2.1.3 FULL SCAN

Full scan is an auto scan by searching all available stations around your area.

2.1.4 CLOCK

Display sync time of the DAB radio station. Under CLOCK information, press"t" and use "◄◄"or "►►" to scroll between AUTO COLOCK or MANU CLOCK to adjust CLOCK time

2.1.5 12/24 H
Choose to display time under 12/24 hours mode.

3. System reset

Press and hold the "**DAB+/FM**" button for 3 seconds. The LED display will show" **RESET**". Press "" button to confirm after that the radio is back to original factory settings and all previous settings in the radio are eliminate.

It is often use when your DAB+ radio is crushed or change to another DAB+ Country or other DAB+ locations rather than your previous settings.

4. FM radio functions

4.1 Switching between FM/DAB+
Just press the "DAB+/FM" button to switch between FM or DAB+ radio as you like

4.2 Display mode
Press the "Display" button to show the FM radio "CH FREQ" and "VERSION"

4.3 Scan mode
Press the "SCAN" button, the FM radio will automatically increase the frequency. Once a station is found, the radio will stop automatically.

To scan up frequency, you need to press "" button +"►►". To scan down frequency, you need to press "" button +"◄◄"

4.4 Signal Not Available

When there is no signal received after the FULLSCAN has been done, the display will show "**OFF AIR**". It may due to weak station signal. Please check if Antenna has been pulled out and try to do the scan again.

5. Product Q&A

If you are experiencing problems with your DAB+ radio there are some quick and easy checks that you can do, which may help to solve the problem.

Radio reception is poor

-Please check that the aerial is extended for the maximum signal strength and improved reception.
-Use the manual tune (see 2.2), to adjust your aerial for the best reception.
-Try moving your radio to an alternative location to see if the reception improves Please remember to scan for DAB+ stations again once you have moved your radio See 2.2
-Check that you do not have other electrical equipment too close to your radio, causing interference.
-Visit www.digitalradioplus.com.au for information about DAB+ reception in your area.

No sound or No power

-Adjust the volume using the "Vol+" button
-Please check that the mains power lead is connected at the back of the radio and the mains power wall socket is switched on
-If you use the battery, make sure the batteries get enough power to drive the device

Visit www.mbeat.com.au for more products information

6. Warranty registration

To receive the full support of your product, please register your product and your details with our distributor in your country, for Australian user, go to www.ultra-imagiantion.com , click product registration page to fill out the details.

Join us at facebook™, by searching “ultraimaginationtechnology” for our distributor information or “mbeat” for mbeat® information. Keep updating with product information and you have the chance to win the monthly prize or free gift from us.